DESCRIPTION

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*Plant Science* will publish in the minimum of time, research manuscripts as well as commissioned reviews, method papers (technical papers) and commentaries recommended by its referees in all areas of experimental plant biology with emphasis in the broad areas of genomics, proteomics, biochemistry (including enzymology), physiology, cell biology, development, genetics, functional plant breeding, systems biology and the interaction of plants with the environment. Although manuscripts containing large data are welcomed, they must contain functional validation.

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Plant biochemists, physiologists, molecular biologists and plant virologists
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Starch Phosphorylase, ADPglucose pyrophosphorylase, Starch metabolism, Photosynthesis, RNA transport and localization

Juan Francisco Jimenez-Bremont, Potosi Institute of Scientific and Technological Research, San Luis Potosi, Mexico
Molecular Biology, Genomics, PCR, Sequencing, Cloning, Genetics, Gene Expression, Bioinformatics and Computational Biology, DANN, DNA Sequencing

James Ketutad Cairns, Suranaree University of Technology Institute of Science, Nakhon Ratchasima, Thailand
Carbohydrate Active Enzymes, Carbohydrate metabolism, Glycolipids and glycosides, Protein structure, including protein X-ray crystallography, Protein structure function relationships, Recombinant protein expression

Ana M. Laxalt, National University of Mar del Plata, Faculty of Psychology, Mar del Plata, Argentina
Lipid signaling, Plant defense, Phospholipases, Gasotransmitters, Oxidative stress

Baiying Li, Hong Kong Baptist University, Department of Biology, Hong Kong, Hong Kong
Plant cell biology, Protein trafficking, Autophagy, Stress responses

Ruixi Li, Southern University of Science and Technology, Shenzhen, Guangdong, China
Vacuolar transport, Autophagy, Plant abiotic stress response, Phase separation

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Plant stress/defense response, Plant virus pathogenesis, Transcriptional and translational control for gene expression, Non-canonical translation initiation sites

Wei Ma, Nanyang Technological University, Singapore, Singapore
Plant lipid biosynthesis, Regulation of gene expression, Intrinsically disordered proteins in plants, Post-translational modifications, Plant signal transduction

Rogério Margis, Federal University of Rio Grande do Sul, Department of Biophysics, Porto Alegre, Brazil
microRNAs, Circular RNAs, responses to abiotic stress in Neotropical and crop plants

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Biotic-, abiotic-, environmental stress, antimicrobial peptide, polyamine, metabolomics, seed dormancy, plant hormones, fruit ripening, senescence, photosystem II reaction center proteins, genetically engineered crops, sustainable alternative agriculture

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transcription factors, gene regulatory networks, senescence, ROS signalling, abiotic stress, adaptive growth, leaf development, synthetic biology

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Arabidopsis, molecular and cell biology, transcription factor, plant vacuole biogenesis

Thomas W. Okita, Washington State University, Pullman, Washington, United States of America
Starch regulation and RNA localization in plants

Gabriela C. Pagnussat, National University of Mar del Plata, Mar Del Plata, Argentina
Plant reproduction, Plant cell death, Gametophyte, Embryo sac, Pollen

Wendy Ann Peer, University of Maryland, Department of Environmental Science and Technology, College Park, Maryland, United States of America
Use biochemistry, genetics, live cell imaging, phenology, and physiology to address hypothesis-driven research in plant growth and development, Investigate the roles of plant specialized compounds, including flavonoids and hormones, and other plant growth regulators in plant developmental processes and responses to the environment, Auxin homeostasis, Flavonoid function, Plant growth regulators/invasive species, Metal-center proteins

Zvi Peleg, Hebrew University of Jerusalem Robert H Smith, Faculty of Agriculture Food and Environment, Rehovot, Israel
Plant and fruit development, flowering control, Functional Genomics, Molecular determinants of fruit quality

Nelson Saibo, New University of Lisbon Institute of Chemical and Biological Technology, Oeiras, Portugal
Abiotic stress responses, Transcriptional regulation, Epigenetics, Photosynthesis regulation, Signal transduction pathways, Rice research

AUTHOR INFORMATION PACK 24 Aug 2023 www.elsevier.com/locate/plantsci
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Plant cell biology, abiotic stress, microtubule, vesicle trafficking, autophagy

Yan Zhang, Nankai University College of Life Sciences, Tianjin, China
Cell polarity, Pollen tubes, Gametophytes, Vacuoles, Root hairs

Aviah Zilberstein, Tel Aviv University, Tel Aviv, Israel
molecular basis of plant responses to abiotic stresses, including stress signaling, transcriptomics, metabolomics proteomics, protein-protein interactions and localization of fluorescently-tagged proteins in planta, regulation fo amino acid biosynthesis in plants, plant bZIP transcription factors, biotech crops with emphasis on rendering plants resistant to insects and abiotic stress, development of plants as sources for renewable energy
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3. Technical advances
4. Correspondence

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